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US App. No. 10/036,487

IN THE CLAIMS

1. (Previously amended) A delivery disc comprising a dry uniform mixture, wherein the uniform mixture comprises a filmogenic polymer and an effective dose of an active substance, wherein the delivery disc is a single uniform layer device which is non-tacky and which dissolves onto a wetted skin tissue or mucosal epithelial tissue of a subject when applied thereto.
2. (Original) The delivery disc of claim 1, wherein the uniform mixture further comprises at least one additive selected from the group consisting of a stabilizer, a solubilizer, a permeation enhancer, a surfactant and a plasticizer.
3. (Original) The delivery disc of claim 1, wherein the active substance is selected from the group consisting of a cosmetic agent and a therapeutic agent.
4. (Original) The delivery disc of claim 3, wherein the cosmetic agent is selected from the group consisting of: anti-hyperpigmentation agents, anti-blotching agents, anti-aging agents, eye contour agents, slimming agents, anti-cellulite agents, soothing/sunburn anti-irritating agents, skin firming and lifting agents, anti-elastase and anti-collagenase substances, free radical scavengers, seborregulators, hydratives and alpha-hydroxy acids.
5. (Previously amended) The delivery disc of claim 3, wherein the cosmetic agent is comprised of at least one anti-acne agent.
6. (Original) The delivery disc of claim 3, wherein the therapeutic agent is selected from the group consisting of: cardiovascular agents, hormones, neurotransmitters, antibiotics, antimicrobials, catecholamines and sympathomimetic drugs, adrenergic receptor agonists and antagonists, anesthetics, benzodiazepines, analgesics,

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antidepressants, hypnotics, sedatives, antipsychotic agents, muscle relaxants and anti-cancer agents.

7. (Original) The delivery disc of claim 2, wherein the permeation enhancer is selected from the group consisting of a glycolipid, a non-esterified fatty acid, an aliphatic alcohol, a fatty acid ester of an aliphatic alcohol, a cyclohexanol, a fatty acid ester of glycerol, a glycol, an aliphatic alcohol ether of a glycol and mixtures thereof.

8. (Original) The delivery disc of claim 1, wherein the filmogenic polymer is selected from the group consisting of polyvinyl pyrrolidone, chitin, chitosan, xanthan gum, karaya gum, zein, hordein, gliadin and mixtures thereof.

9. (Previously canceled)

10. (Original) The delivery disc of claim 2, wherein the surfactant is selected from the group consisting of ethoxylated alcohols, sodium lauryl sulfate and betaine.

11. (Original) The delivery disc of claim 10, wherein the uniform mixture comprises 1 to 20wt% surfactant.

12. (Original) The delivery disc of claim 2, wherein the uniform mixture comprises less than 30wt% plasticizer.

13. (Original) The delivery disc of claim 1, wherein the uniform mixture comprises at least 5wt% filmogenic material.

14. (Original) The delivery disc of claim 13, wherein the uniform mixture comprises less than 50wt% filmogenic material.

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15. (Original) The delivery disc of claim 13, wherein the uniform mixture comprises at least 75% filmogenic material.

16. (Original) The delivery disc of claim 2, wherein the uniform mixture comprises 30 to 60wt% plasticizer.

17. (Original) The delivery disc of claim 2, wherein the uniform mixture comprises less than 30wt% plasticizer.

18. (Original) The delivery disc of claim 1, wherein the uniform mixture comprises 0.1 to 15wt% active substance.

19. (Original) The delivery disc of claim 1, wherein the uniform mixture comprises 0.01 to 15wt% permeation enhancer.

20. (Currently amended) A method for transdermally administering an active substance to a subject comprising:

- (a) wetting a skin tissue of the subject at a site of application; and,
- (b) applying to the site of application a delivery disc;

wherein the delivery disc comprises a uniform mixture, wherein the uniform mixture comprises a filmogenic polymer and an effective dose of an active substance, wherein the delivery disc is a single uniform layer device which is non-tacky and [which] wherein upon application to the wetted skin tissue, the delivery disc dissolves [onto the wetted skin tissue or mucosal epithelial tissue of a subject when applied thereto].

21. (Currently amended) A method for transmucosally administering an active substance to a subject comprising:

- (a) applying a delivery disc to a mucosal epithelial layer of the subject;

wherein the delivery disc comprises a uniform mixture, wherein the uniform mixture comprises a filmogenic polymer and an effective dose of an active substance, wherein the

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delivery disc is a single uniform layer device which is non-tacky and [which] wherein upon application to the mucosal epithelial layer, the delivery disc dissolves [onto the wetted skin tissue or mucosal epithelial tissue of a subject when applied thereto].

22. (Currently amended) A method for cleansing a skin tissue of a subject comprising:

- (a) wetting the skin tissue of the subject to be cleansed; [and,]
- (b) applying a delivery disc to the wet skin tissue;

wherein the delivery disc comprises a uniform mixture, wherein the uniform mixture comprises a filmogenic polymer and a surfactant; and

(c) creating a foam or lather with the delivery disc on the wet skin tissue and rinsing the delivery discs from the skin.

23. (Canceled)